

In the view of the myriad of patents searched relevant to ladder attached tool, paint container holding devices now present in the prior art, the present invention provides an improved holder. As such the general purpose of the present invention is to provide a new and improved holder and method which has all the advantages of the prior art and none of the disadvantages.

To attain this, the present invention essentially comprises a hook portion dimensioned for receiving a cordless drill therein. The hook is loosely attached to bracket assembly which is dimensioned for receiving the side rail of a ladder. Pins are used for attachment of the bracket, the lower pin resting upon the highest step of the ladder so as to prevent slippage of bracket down side rail of the ladder.

As such, those skilled in the art will appreciate the conception, upon which this disclosure is based, may readily be utilized as a basis for the designing of other structures, methods and systems for carrying out the several purposes of the present invention. It is important, therefore, that the claims be regarded as including such equivalent constructions insofar as they do not depart from the spirit and scope of the present invention.

It is therefore an object of the present invention to provide a new and improved cordless drill, paint container holder which has all the advantages of the prior art tool holding devices and none of the disadvantages.

It is a further object of the present invention to provide a new and improved cordless drill, paint container holder which is of a highly durable and reliable construction.

Even still another object of the present invention is to provide a new and improved cordless drill, paint container holder for attachment to a ladder for easy access by a user.

The present invention will be better understood with reference to the appended drawing sheets, wherein:

Fig. A is a perspective view of the main bracket assembly of the ladder attached tool holding device of the present invention.

Fig. B is a perspective view of the hook assembly of the ladder attached tool holding device of the present invention.

Fig. C is a perspective view of a complete assembly of the ladder attached tool holding device of the present invention.

Fig. D is a perspective view of complete assembly of the ladder attached tool holding device of the present invention attached to the side rail of a ladder.

The present invention relates to a device for securing a cordless drill, paint container, a variety of tools and the like to a ladder. In a first embodiment, the device comprises a bracket 1 pins 2 hitch pin clips 3 and a threaded dowel 4. Referring to fig. A, the device of the present invention comprises a rectangular C-shaped bracket 1 having a front face left face and a right face. Disposed through front face is a threaded dowel 4. Pins 2 are inserted through perforations 5 for securement to the side rail of a ladder. Said pins 2 secured in place by hitch pins 3.

The hook assembly comprises a threaded coupling 7 attached to a washer 6 threaded end of hook 9 is screwed into said coupling 7. Nut 8 is used to lock said hook 9 in place. Locking nut 10 is used to secure washer 6 onto threaded dowel 4 on face of bracket assembly 1.

The lower pin 2 of the ladder attached device rests upon the step of a ladder, thus preventing device from slipping down side rail of the ladder. Perforations 5 are located and dimensioned to fit all fiberglass ladders that are in use in the present. Extra perforations could be easily added to accommodate thinner side rail ladders such as extension ladders and older style wooden ladders.

1. Main bracket assembly
2. Pins
3. Hitch pin clips (internal type)
4. 3/8 Threaded dowel
5. Holes for pins
6. 3/8 Fender washer
7. 5/16 Threaded rod coupling
8. 5/16 Nut
9. Hook
10. 3/8 Nut (locking type)

PARTS SPECIFICATION

1. Two 1-3/4 x 3 inch angle iron welded together or 3 inch flat steel or aluminum x 7 inches long drilled and stamped to shape with a 3/8 inch hole in center 3/4 inch from edge, four 11/64 inch holes on sides 1/2 inch in from top and bottom and 1/4 inch in from sides. Inside diameter is 3-1/4 inch wide by 1-1/2 inch deep.
2. Pins 5/32 x 3-3/4 inch long with a 1/16 inch hole 1/8 inch from end
3. 1/16 inch hitch pin (internal type)
4. 3/8 inch threaded dowel 5/8 inch long welded to face of bracket 1
5. 11/64 inch holes
6. 3/8 inch by 1/8 inch thick fender washer
7. 5/16 inch threaded coupling welded to face of washer 6
8. 5/16 inch nut used for locking hook in position
9. 5/16 inch diameter by 9 inch long metal dowel 1-1/4 inch of end being threaded. Rod bent to shape. Rod threaded into coupling 7
10. 3/8 inch nut (locking type) used to fasten washer 6 to threaded dowel 4